WHAT IS CLAIMED IS:

1. A method for adapting a parameter of a hot gas of a hot-gas generator having a downstream technological process, the method comprising:

emitting a mass flow of the hot gas from the hot-gas generator into a connecting element;

discharging a first portion of the mass flow from the connecting element using an exhaust;

feeding a second portion of the mass flow to the technological process using the connecting element; and

influencing a temperature of the hot gas between the hot-gas generator and the technological process.

2. The method as recited in claim 1, wherein the influencing of the temperature includes feeding at least one of a coolant and an additive to the hot gas in a region of the connecting element.

3. The method as recited in claim 2, wherein the feeding is performed at a first location of the connecting element having a lowest pressure in the connecting element, and wherein the discharge is performed at a second location of the connecting element having a highest pressure in the connecting element.

4. The method as recited in claim 2, wherein the coolant includes at least one of a gas, a vapor, a liquid.

5. The method as recited in claim 4, wherein the gas is an exhaust gas recirculated from a location downstream of the technological process.

6. The method as recited in claim 5, wherein the gas is air, the vapour is steam and the liquid is water.

7. The method as recited in claim 2, wherein the additive is configured to provide a reduction of emissions.

8. The method as recited in claim 7, wherein the additive includes at least one of ammonia, urea and an exhaust gas.

9. The method as recited in claim 1, wherein the influencing includes heating hot gas downstream of the hot-gas generator.

10. The method as recited in claim 9, wherein the heating includes raising an initial temperature of the hot gas within a range of up to 10%.

11. The method as recited in claim 9, wherein the heating is performed using an auxiliary combustion, and wherein the auxiliary combustion is performed using at least one of a fresh air burner and a channel burner.

12. The method as recited in claim 11, wherein the auxiliary combustion is performed at at least one of a first location between hot-gas generator and technological process, a second location in the connecting element, a third location on the connecting element, and a fourth location in the inlet region of the technological process.

13. The method as recited in claim 1, further comprising regulating a proportion of the first portion of the hot-gas mass flow.

14. The method as recited in claim 13, wherein the regulating is performed as a function of at least one of the mass flow at a first location, a temperature of the mass flow at the first location, a flow velocity of the mass flow at the first location, and a pressure of the mass flow at the first location, wherein the first location is upstream of the exhaust.

15. The method as recited in claim 13, wherein the regulation is performed using at least one an adjusting device and a delivery device.

16. The method as recited in claim 15, the adjusting device includes a flap and the delivery device includes a blower.

17. The method as recited in claim 1, wherein the first portion is in a range of up to 15% of the mass flow.

18. The method as recited in claim 11, wherein the hot-gas generator is a combustion plant and the technological process includes one of a hot-water generator or a steam generator.

19. The method as recited in claim 18, wherein the combustion plant is a gas turbine plant and wherein the technological process includes a heat-recovery boiler.

20. The method as recited in claim 1, wherein the first portion is within a discharge range of 6-12% of the mass flow, and wherein the influencing of the temperature is performed within a temperature change range of –20 K to +40 K.

21. The method as recited in claim 20, wherein the discharge range is 6-8% and the temperature change range is positive up to 20 K.

22. An arrangement for adapting a parameter of a hot gas, comprising:

a hot-gas generator emitting a mass flow of a hot gas;

a technological process disposed downstream of the generator;

a connector element disposed between the generator and the technological process and configured to deliver a first portion of the mass flow to the technological process;

an exhaust including a regulator for discharging a regulated second portion of the mass flow from the connector element: and

a device configured to influence a temperature of the hot gas disposed between the hot-gas generator and the technological process.

23. The arrangement as recited in claim 22, wherein the regulator is actuatable as a function of one of the mass flow at a first location, a temperature of the hot gas at the first location, a flow velocity of the hot gas at the first location, and a pressure of the hot gas at the first location, wherein the first location is upstream of the exhaust.